



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
22.06.2005 Bulletin 2005/25

(51) Int Cl.7: **H05B 6/80**, H05B 6/66,
F24C 15/20

(43) Date of publication A2:
05.03.2003 Bulletin 2003/10

(21) Application number: **02090307.6**

(22) Date of filing: **28.08.2002**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LI LU MC NL PT SE SK TR
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **30.08.2001 KR 2001052745**

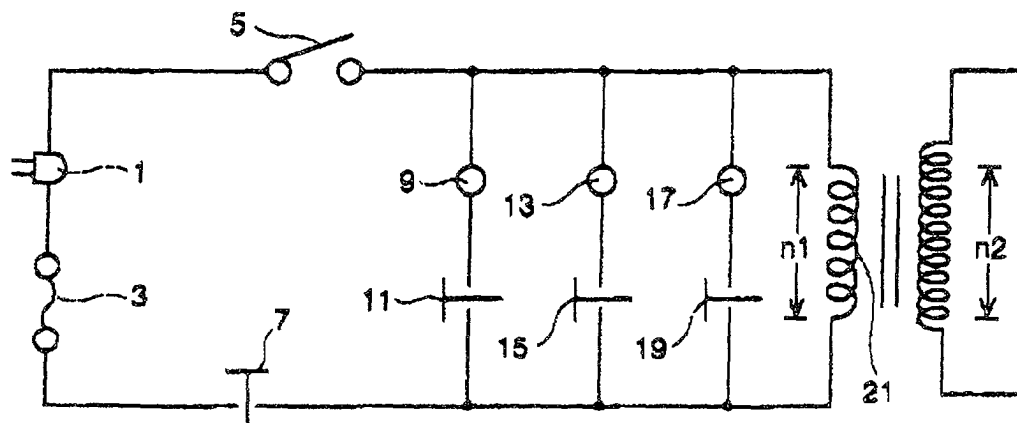
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(54) **Apparatus and method for controlling output power of combination hood and microwave oven**

(57) The present invention relates to an apparatus and method for controlling output power of a combination hood and microwave oven, and more particularly, to an apparatus and method for controlling power of a combination hood and microwave oven, wherein an output level of a high voltage transformer for generating a high voltage can be adjusted. According to the combination hood and microwave oven of the present invention, the electric power supplied to the high voltage

transformer can be increased by temporarily turning off the parts (limited to the components which can be controlled separately from the microwave oven function), such as the vent fan or the electric indicator lamp, having large power consumption. Thus, the output power level thereof can be increased. Therefore, there are advantages in that the quick cooking can be made and cooking performance can be improved due to the high output of the transformer, when the user intends to make the quick cooking with the high output power.

FIG. 1





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 02 09 0307

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | |
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| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | CLASSIFICATION OF THE APPLICATION (Int.Cl.7) |
| X | US 6 025 582 A (KANG ET AL) 15 February 2000 (2000-02-15) * abstract * * figures 3-6 * * column 1, line 55 - column 2, line 63 * * column 5, lines 20-57 * * claims 1-14 * | 1-10 | H05B6/80 H05B6/66 F24C15/20 |
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| A | US 4 143 646 A (SAMPSEL ET AL) 13 March 1979 (1979-03-13) * abstract * * claim 1 * | 1-10 | |
| | | | TECHNICAL FIELDS SEARCHED (Int.Cl.7) |
| | | | H05B F24C |
| The present search report has been drawn up for all claims | | | |
| Place of search The Hague | | Date of completion of the search 3 May 2005 | Examiner DE LA TASSA LAFORGUE |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p> | | | |

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EPO FORM 1503 03/02 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
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